Implant placement simultaneous with full arch dental extraction and immediate occlusal loading

The Immediate Smile Procedure

Drs. Alan Rosenfeld and George Mandelaris

Diplomates, American Board of Periodontology

The Immediate Smile Implant placement + immediate occlusal loading

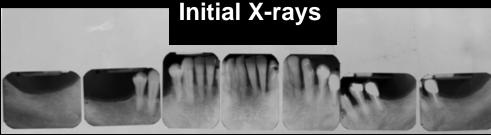
Case Presentation

Initial Clinical Presentation



This picture demonstrates the patients initial examination photo. These are the remaining teeth present, which have advanced periodontal disease as well as cavities.

Prognosis: Questionable-Poor

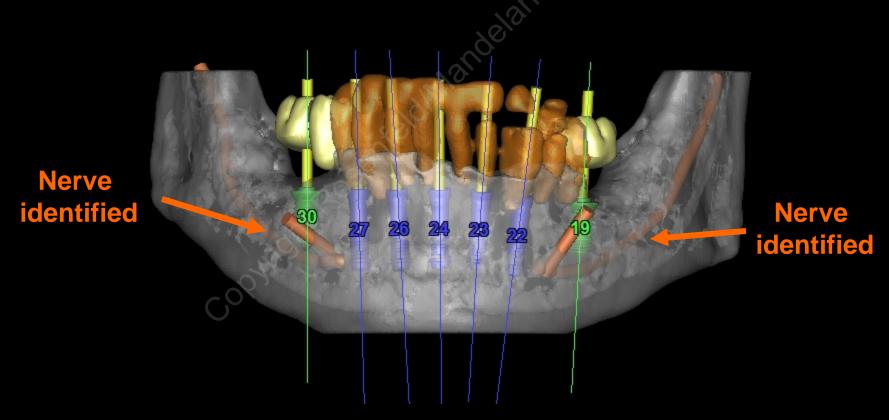


The radiographs confirm the clinical diagnosis and prognosis.

Treatment plan is to replace the mandibular natural dentition with an implant supported prosthesis. This replacement strategy will be similar to his real teeth, but negate the susceptibility characteristics that have affected his natural teeth so long as he is compliant with routine cleanings indefinitely.

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Case Presentation



CT Scan plan and 3D implant planning
CT guided surgery will be utilized to ensure precise implant placement





CT scan technology utilized to create virtual duplicate of jawbone and a surgical guide developed from patients CT scan plan

Extraction of hopeless teeth and application of CT guided technology for precision implant placement



12 weeks post surgery



Immediate teeth in place with other implants placed posteriorly & to be used with final teeth



Clinical photo showing final prosthetic outcome of an implant supported fixed prosthesis in the mandible (bottom jaw) and a new denture for the maxilla (top jaw).



Final X-rays

In this case, 6 implants were used to support the full arch mandibular prosthesis which is fixed.